Contents

Araki, H.: Golden-Thompson and Peierls-Bogolubov Inequalities for a General von Neumann Algebra 167

Arens, R.: Hamiltonian Formalism for Non-invariant Dynamics 91

Bonnor, W.B.: A Class of Stationary Solutions of the Einstein-Maxwell Equations 77

Burdet, G., Perrin, M., Sorba, P.: About the Non-relativistic Structure of the Conformal Algebra 85

Combes, J.M., Thomas, L.: Asymptotic Behaviour of Eigenfunctions for Multiparticle Schrödinger Operators 251

Davies, E.B.: The Infinite Atom Dicke Maser Modell II 237

Gille, J.F.: On a Question of André Verbeure 131

Gille, J.F.: Non Quasi-free Classes of Product States of the C.C.R.-Algebra 223

Hájiček, P.: Exact Models of Charged Black Holes. I. Geometry of Totally Geodesic Null Hypersurface 37

Hájiček, P.: Exact Models of Charged Black Holes. II. Axisymmetric Stationary Horizons 53

Macfadyen, N.W.: A Laplace Transform on the Lorentz Groups. II. The General Case 297

Miyata, H.: On Clustering States 1

Müller zum Hagen, H., s. Yodzis, P., *et al.* 135

Papapetrou, A.: Shock Waves in the Newman-Penrose Formalism 229

Park, Y.M.: Lorentz Covariance of the $P(\varphi)_2$ Quantum Field Theory without Higher Order Estimates 179

Perrin, M., s. Burdet, G., *et al.* 85

Rocca, F., Sirugue, M.: Phase Operator and Condensed Systems 111

Roos, H.: Additivity of the Entropy and Definition of the Temperature for Quantum Systems 193

Rühl, W.: On Conformal Invariance of Interacting Fields 149

Seifert, H.-J., s. Yodzis, P., *et al.* 135

Sirugue, M., s. Rocca, F. 111

Slawny, J.: Analyticity and Uniqueness for Spin $\frac{1}{2}$ Classical Ferromagnetic Lattice Systems at Low Temperatures 271

Sorba, P., s. Burdet, G., *et al.* 85

Symanzik, K.: Infrared Singularities and Small-Distance-Behaviour Analysis . 7

Thomas, L., s. Combes, J.M. 251

Ward, J.P.: Equilibrium of Charged, Spinning, Magnetic Particles 123

Yngvason, J.: On the Algebra of Test Functions for Field Operators. Decomposition of Linear Functionals into Positive Ones 315

Yodzis, P., Seifert, H.-J., Müller zum Hagen, H.: On the Occurrence of Naked Singularities in General Relativity 135

Indexed in Current Contents